



Attorney Docket No. 13530US01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION OF:

ALVIN LEE,  
JOERG ZIMMERMAN and  
OLEN VANDERLEEDEN

SERIAL NO. 10/037,928

FILED: JANUARY 4, 2002

FOR: SEPARATOR WITH FLUID  
DISTRIBUTION FEATURES  
FOR USE WITH A  
MEMBRANE ELECTRODE

GROUP ART UNIT: 1745

EXAMINER: C. Chaney

**Certificate of Mailing**

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June 25, 2004  
(Date)

Robert W. Fieseler, Reg. No. 31,826  
(Typed or printed name of person  
signing this certificate)

Robert W. Fieseler  
(Signature)

**PETITION FOR ONE-MONTH EXTENSION OF TIME**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.136, the applicants hereby request a one-month extension of time to respond to the non-final Office Action dated March 25, 2004. An Amendment and Request for Reconsideration responding to the Office

17/01/2004 JIMLINAM 00000073 130017 10037928

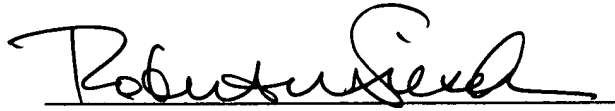
01 FC:1251

110.00 DA

Action is submitted herewith.

Please charge the \$110.00 fee for an extension of time in the first month (large entity), and charge any additional fees or credit any overpayment incurred in connection with this submission, to Deposit Account No. 13-0017. A Fee Transmittal for 2004 (PTO/SB/17) is also submitted herewith.

Respectfully submitted,



Robert W. Fieseler  
Registration No. 31,826  
Attorney for Applicants

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Dated: June 25, 2004



1745 #  
Rfw

PTO 8/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|   |  |                          |                 |
|---|--|--------------------------|-----------------|
| <b>FEE TRANSMITTAL<br/>for FY 2004</b><br><br>Patent Fees are subject to annual revision. |  | <b>Complete if Known</b> |                 |
|   |  | Application Number       | 10/037,928      |
|   |  | Filing Date              | January 4, 2002 |
|   |  | First Named Inventor     | Alvin Lee       |
|   |  | Examiner Name            | C. Chaney       |
|   |  | Group Art Unit           | 1745            |
| TOTAL AMOUNT OF PAYMENT (\$110.00)  |  | Attorney Docket No.      | 13530US01       |

| METHOD OF PAYMENT   |                       | FEE CALCULATION (continued)       |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
|---|-----------------------|-----------------------------------|-----------------------|---|-----------------------|-----------------|----------|------|-----|--------------------|---------|--------------------|--|--------------------|-----|------|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------|----------|------------------|----|------|-----|------------------------|-----|--------------------|----|------|-----|-----------------------------------|----|------------------------|-----|-----------------------|-----|---------------------------------------|--|------|----|------|----|---|--|------|----|------|---|---|--|-----------------------|--|--|--|--|--|--|--|
| <b>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</b><br><br>Deposit Account Number: 13-0017<br>Deposit Account Name: McAndrews Held & Malloy<br><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17<br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27   |                       | <b>3. ADDITIONAL FEES</b>         |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| <b>2. <input type="checkbox"/> Payment Enclosed:</b><br><input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other   |                       |                                   |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| <b>FEE CALCULATION</b>  |                       |                                   |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| <b>1. BASIC FILING FEE</b> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing Fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing Fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1) (\$0.00)</td><td></td></tr></tbody></table>  |                       | Large Entity Fee Code             | Large Entity Fee (\$) | Small Entity Fee Code                                     | Small Entity Fee (\$) | Fee Description | Fee Paid | 1001 | 770 | 2001               | 385     | Utility filing Fee |  | 1002               | 340 | 2002 | 170 | Design filing Fee     |                       | 1003                  | 530                   | 2003            | 265      | Plant filing fee |    | 1004 | 770 | 2004                   | 385 | Reissue filing fee |    | 1005 | 160 | 2005                              | 80 | Provisional filing fee |     | SUBTOTAL (1) (\$0.00) |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| Large Entity Fee Code   | Large Entity Fee (\$) | Small Entity Fee Code             | Small Entity Fee (\$) | Fee Description   | Fee Paid              |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1001  | 770                   | 2001                              | 385                   | Utility filing Fee  |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1002  | 340                   | 2002                              | 170                   | Design filing Fee   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1003  | 530                   | 2003                              | 265                   | Plant filing fee  |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1004  | 770                   | 2004                              | 385                   | Reissue filing fee  |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1005  | 160                   | 2005                              | 80                    | Provisional filing fee                                    |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| SUBTOTAL (1) (\$0.00)   |                       |                                   |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| <b>2. EXTRA CLAIM FEES</b> <table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td>- 20** =</td><td>x</td><td></td></tr><tr><td>Independent Claims</td><td>- 3** =</td><td>x</td><td></td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td></tr></tbody></table><br><table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>**Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5">SUBTOTAL (2) (\$0.00)</td><td></td></tr></tbody></table> |                       | Total Claims                      | Extra Claims          | Fee from below  | Fee Paid              |                 | - 20** = | x    |     | Independent Claims | - 3** = | x                  |  | Multiple Dependent |     |      |     | Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid | 1202             | 18 | 2202 | 9   | Claims in excess of 20 |     | 1201               | 86 | 2201 | 43  | Independent claims in excess of 3 |    | 1203                   | 290 | 2203                  | 145 | Multiple dependent claim, if not paid |  | 1204 | 86 | 2204 | 43 | **Reissue independent claims over original patent |  | 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |  | SUBTOTAL (2) (\$0.00) |  |  |  |  |  |  |  |
| Total Claims  | Extra Claims          | Fee from below                    | Fee Paid              |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
|   | - 20** =              | x                                 |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| Independent Claims  | - 3** =               | x                                 |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| Multiple Dependent  |                       |                                   |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| Large Entity Fee Code   | Large Entity Fee (\$) | Small Entity Fee Code             | Small Entity Fee (\$) | Fee Description   | Fee Paid              |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1202  | 18                    | 2202                              | 9                     | Claims in excess of 20                                    |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1201  | 86                    | 2201                              | 43                    | Independent claims in excess of 3                         |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1203  | 290                   | 2203                              | 145                   | Multiple dependent claim, if not paid                     |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1204  | 86                    | 2204                              | 43                    | **Reissue independent claims over original patent         |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| 1205  | 18                    | 2205                              | 9                     | **Reissue claims in excess of 20 and over original patent |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| SUBTOTAL (2) (\$0.00)   |                       |                                   |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
| **or number previously paid, if greater; For Reissues, see above  |                       | *Reduced by Basic Filing Fee Paid |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |
|   |                       | SUBTOTAL (3) (\$110.00)           |                       |   |                       |                 |          |      |     |                    |         |                    |  |                    |     |      |     |                       |                       |                       |                       |                 |          |                  |    |      |     |                        |     |                    |    |      |     |                                   |    |                        |     |                       |     |                                       |  |      |    |      |    |   |  |      |    |      |   |   |  |                       |  |  |  |  |  |  |  |

|                   |                    |                                      |               |           |              |
|-------------------|--------------------|--------------------------------------|---------------|-----------|--------------|
| SUBMITTED BY      |                    | Complete (if applicable)             |               |           |              |
| Name (Print/Type) | Robert W. Fieseler | Registration No. (Attorney or Agent) | 31,826        | Telephone | 312-775-8000 |
| Signature         |                    | Date                                 | June 25, 2004 |           |              |

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